

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080420\
 Data File : BG046166.D
 Acq On : 4 Aug 2020 11:20
 Operator : CG/JU
 Sample : L3521-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-CD

Quant Time: Aug 04 12:08:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

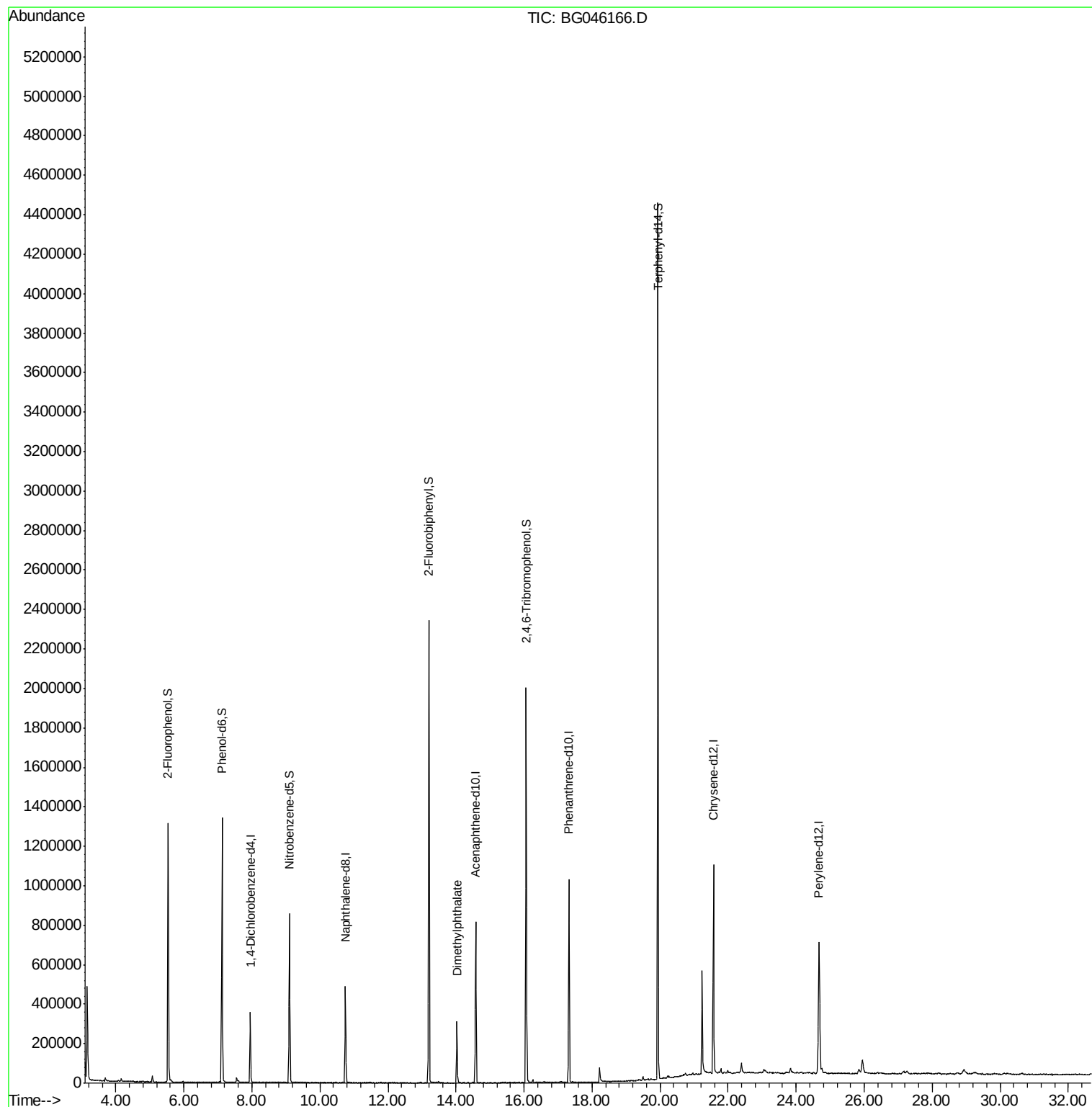
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	107766	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	444632	20.00	ng	0.00
39) Acenaphthene-d10	14.58	164	284549	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	648234	20.00	ng	0.00
76) Chrysene-d12	21.57	240	674535	20.00	ng	0.00
86) Perylene-d12	24.68	264	701833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	597868	96.44	ng	0.00
7) Phenol-d6	7.12	99	795458	94.15	ng	0.00
23) Nitrobenzene-d5	9.11	82	538142	65.53	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	401417	91.84	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1235966	63.10	ng	0.00
79) Terphenyl-d14	19.93	244	1866372	56.35	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	214844	9.837	ng	Qvalue 99

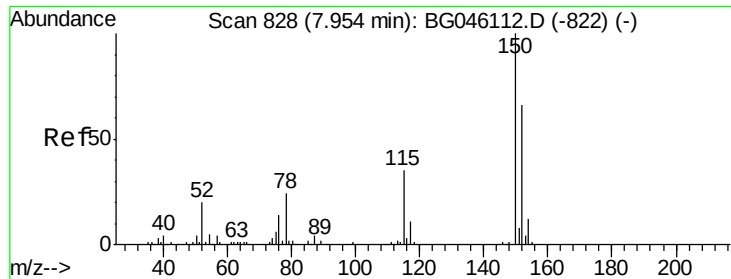
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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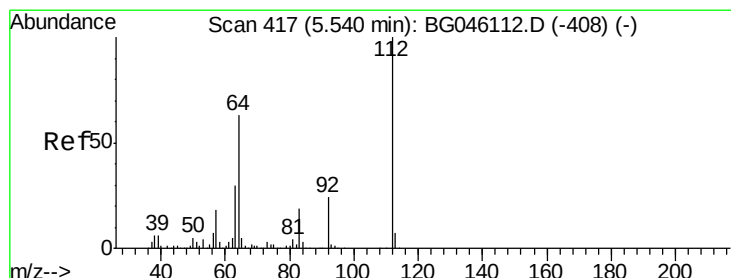
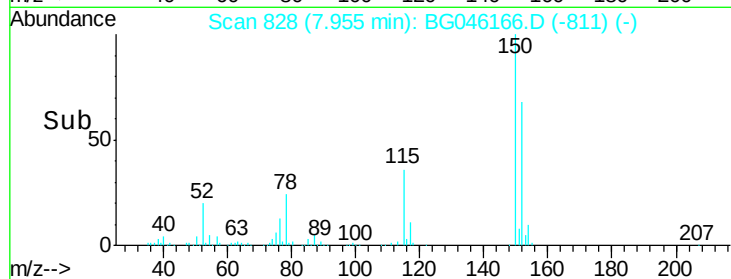
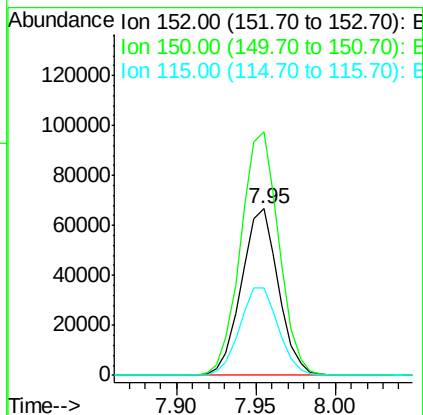
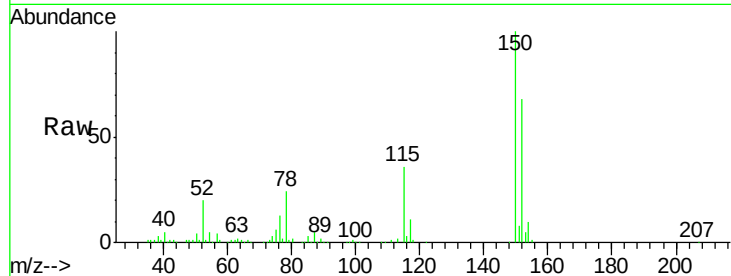


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Instrument :
BNA_G
ClientSampleId :
COMP-CD

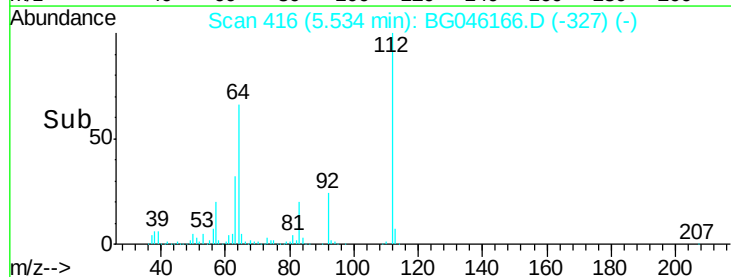
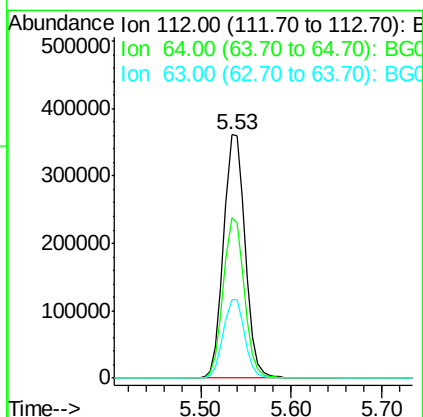
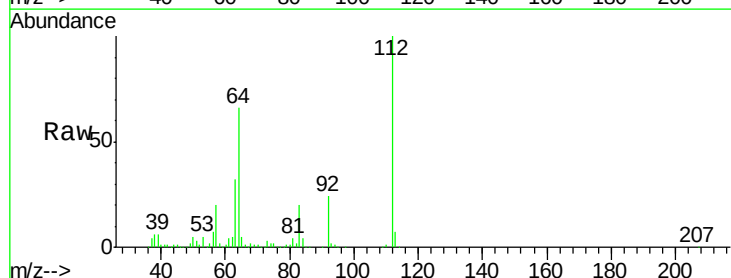
Tgt Ion:152 Resp: 107766
Ion Ratio Lower Upper
152 100
150 146.1 122.1 183.1
115 52.4 43.2 64.8

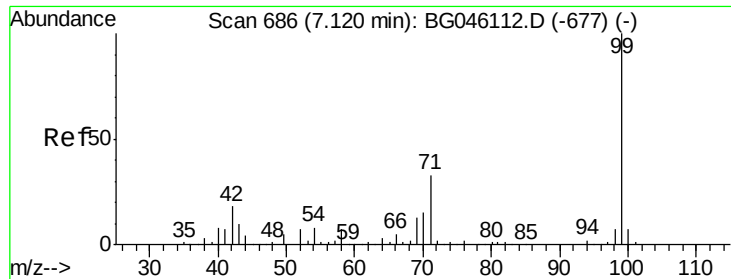


#5

2-Fluorophenol
Concen: 96.442 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Tgt Ion:112 Resp: 597868
Ion Ratio Lower Upper
112 100
64 66.1 50.2 75.2
63 32.4 24.2 36.4





#7

Phenol-d6

Concen: 94.151 ng

RT: 7.12 min Scan# 686

Delta R.T. 0.00 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

Instrument :

BNA_G

ClientSampleId :

COMP-CD

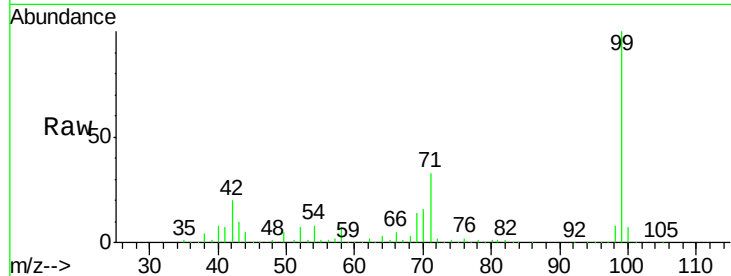
Tgt Ion: 99 Resp: 795458

Ion Ratio Lower Upper

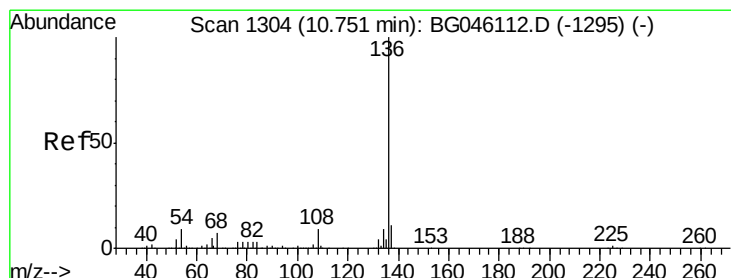
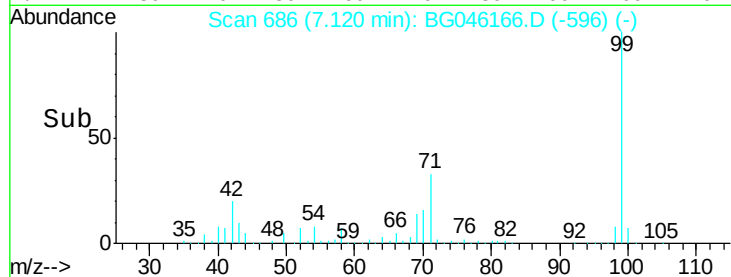
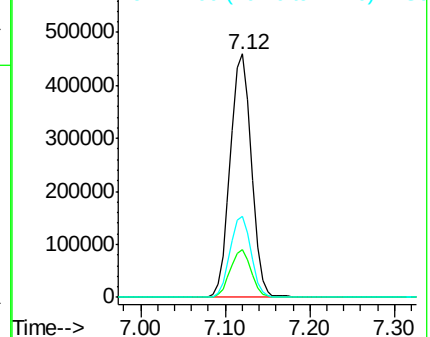
99 100

42 19.7 14.7 22.1

71 33.3 26.5 39.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

Tgt Ion: 136 Resp: 444632

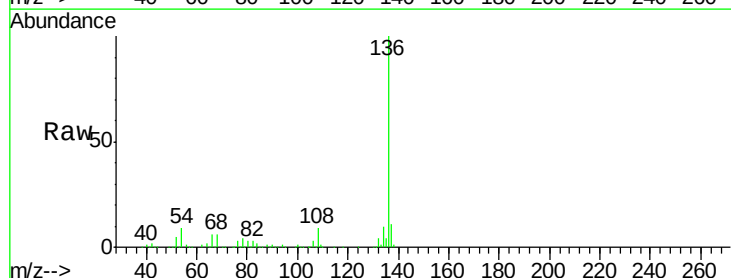
Ion Ratio Lower Upper

136 100

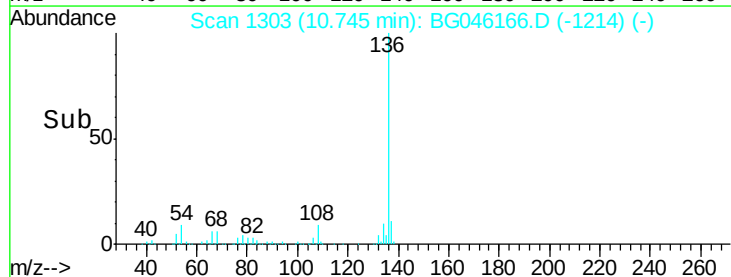
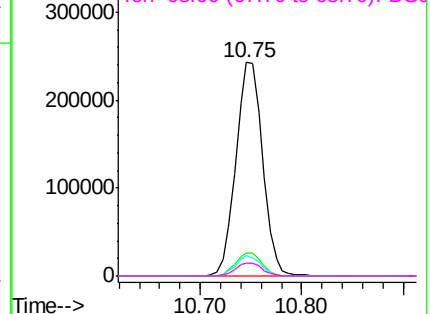
137 10.8 8.8 13.2

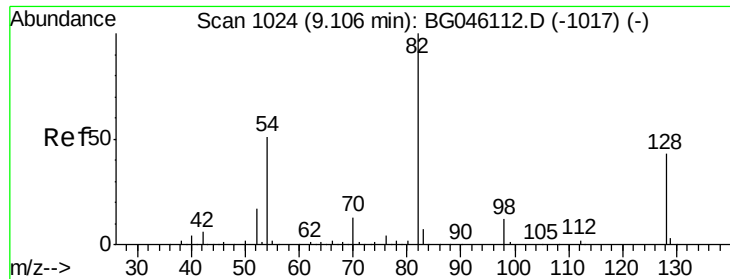
54 9.3 7.0 10.4

68 6.2 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

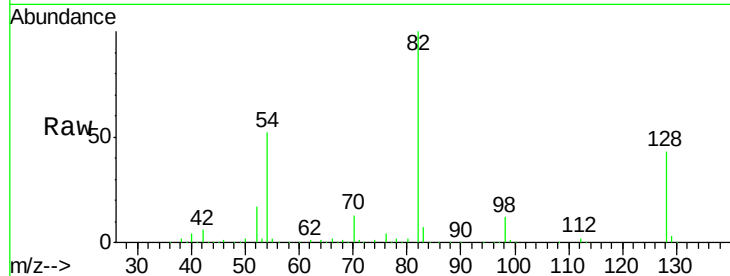




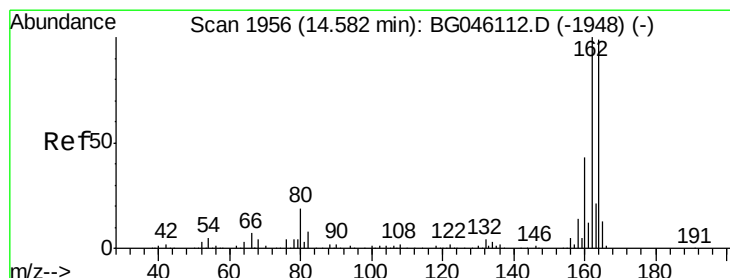
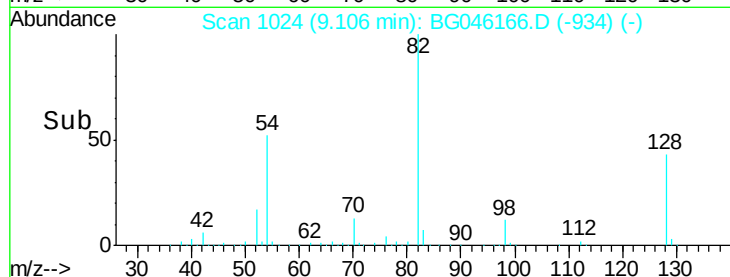
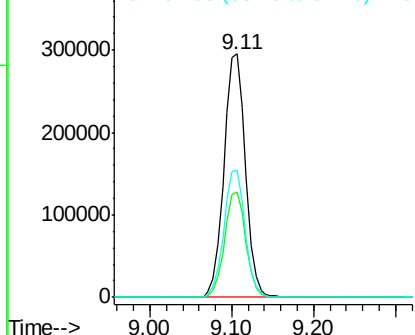
#23
Nitrobenzene-d5
Concen: 65.529 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Instrument :
BNA_G
ClientSampleId :
COMP-CD

Tgt Ion: 82 Resp: 538142
Ion Ratio Lower Upper
82 100
128 43.2 34.4 51.6
54 52.2 40.8 61.2

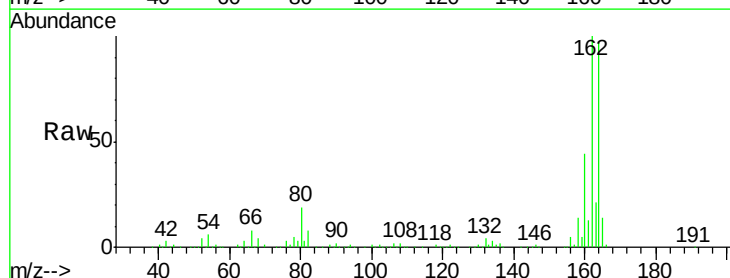


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

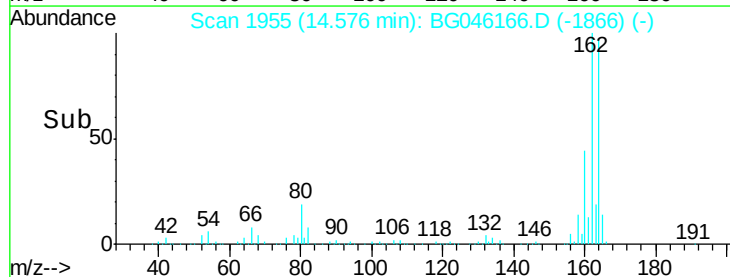
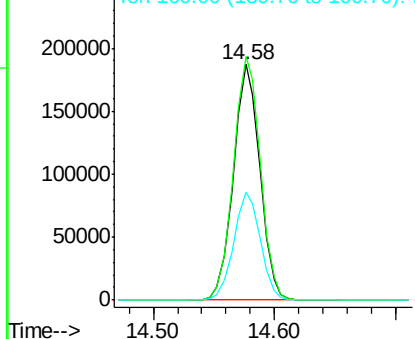


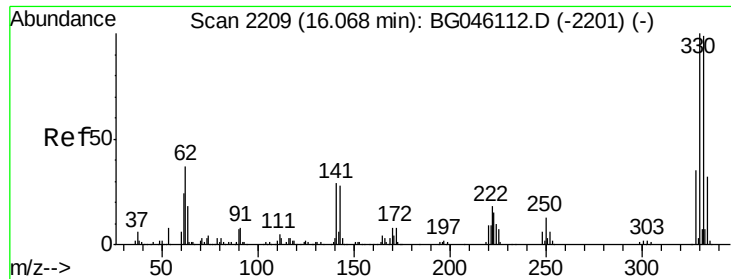
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

Tgt Ion: 164 Resp: 284549
Ion Ratio Lower Upper
164 100
162 103.3 80.6 121.0
160 45.6 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 91.844 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

Instrument :

BNA_G

ClientSampleId :

COMP-CD

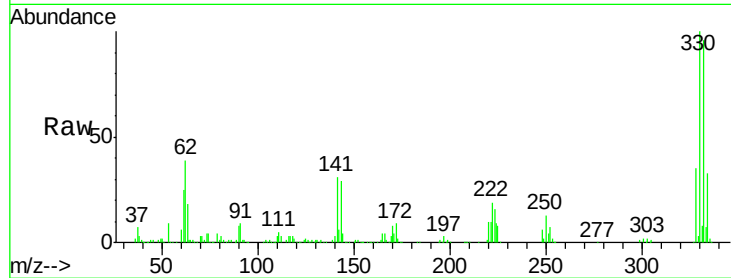
Tgt Ion:330 Resp: 401417

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

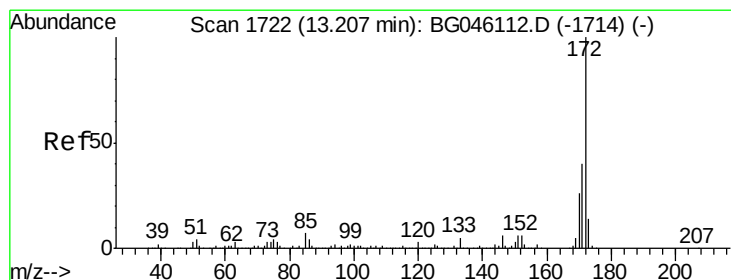
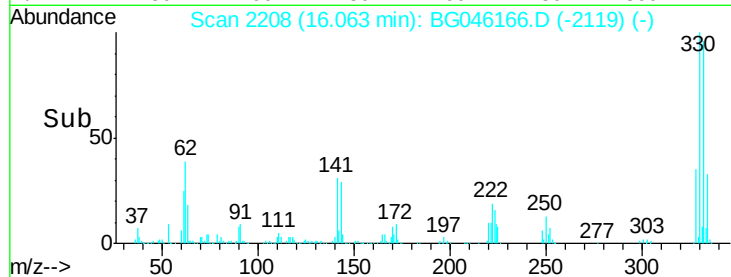
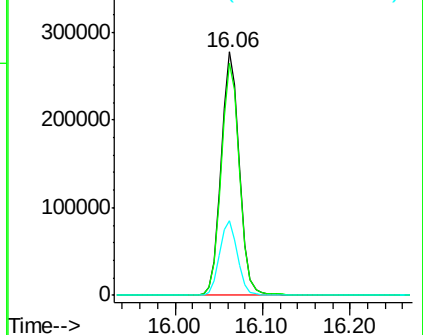
141 30.4 23.4 35.0



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 63.096 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

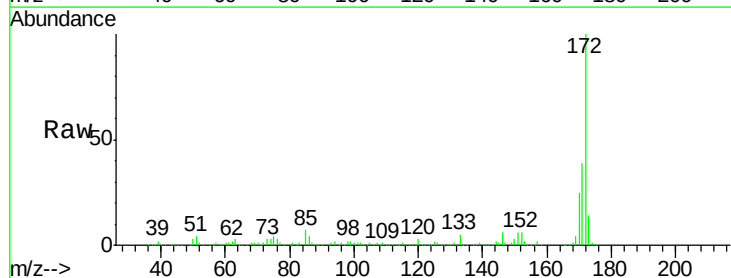
Tgt Ion:172 Resp: 1235966

Ion Ratio Lower Upper

172 100

171 39.2 31.7 47.5

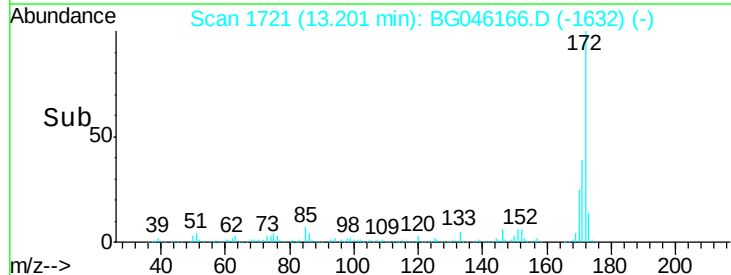
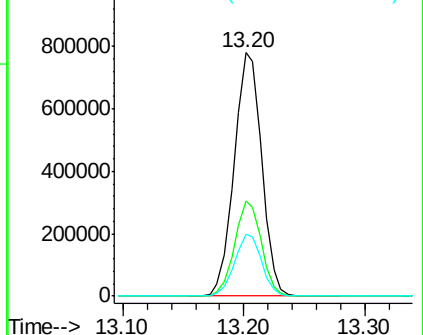
170 25.3 20.9 31.3

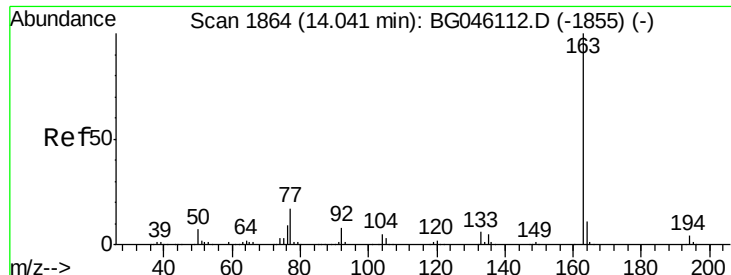


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.837 ng

RT: 14.03 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

Instrument :

BNA_G

ClientSampleId :

COMP-CD

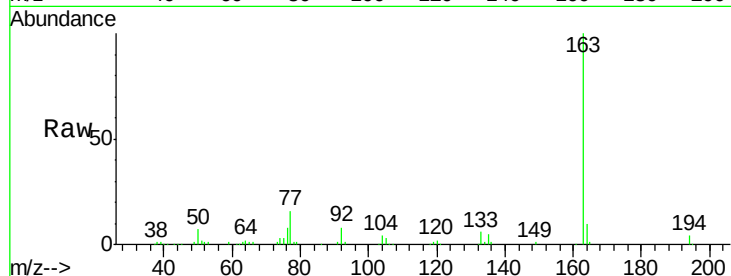
Tgt Ion:163 Resp: 214844

Ion Ratio Lower Upper

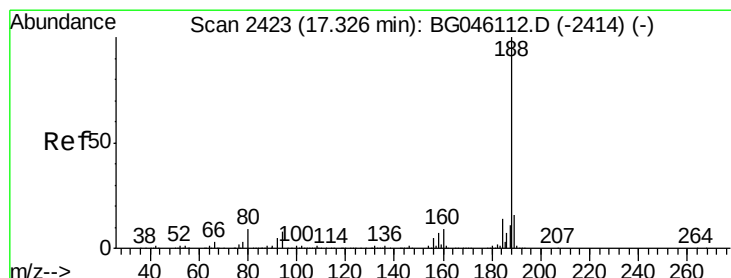
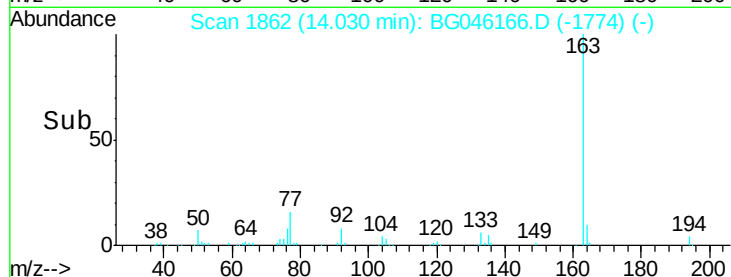
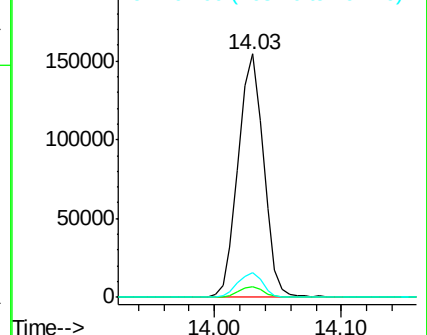
163 100

194 4.2 3.5 5.3

164 10.3 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

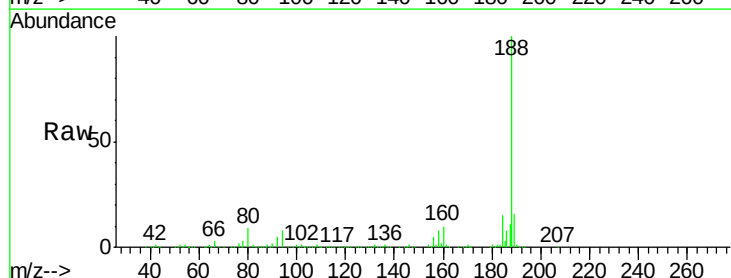
Tgt Ion:188 Resp: 648234

Ion Ratio Lower Upper

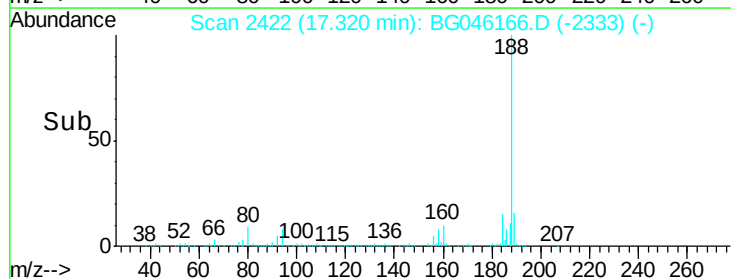
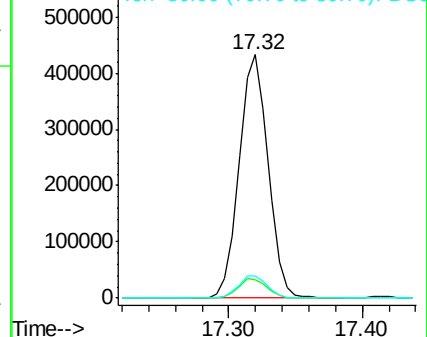
188 100

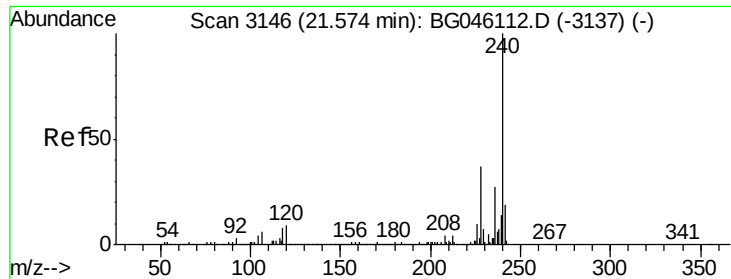
94 7.7 6.4 9.6

80 9.2 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

Instrument :

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ClientSampleId :

COMP-CD

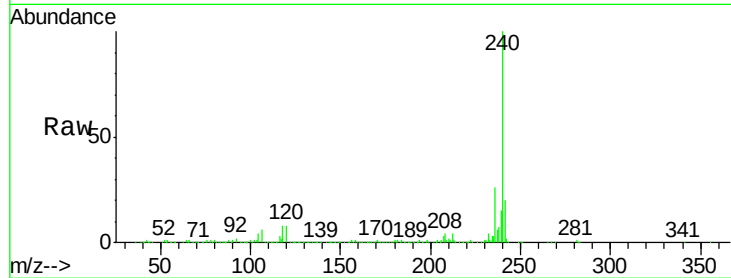
Tgt Ion:240 Resp: 674535

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

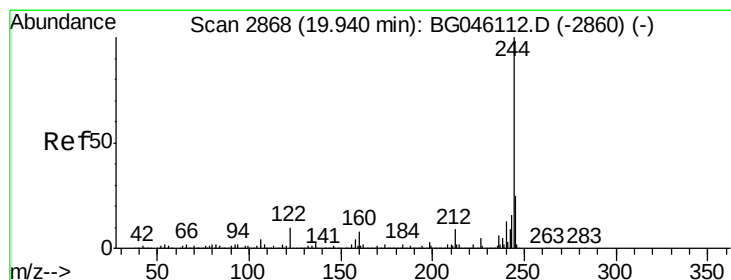
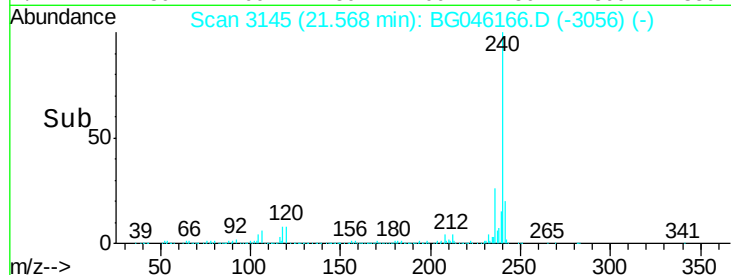
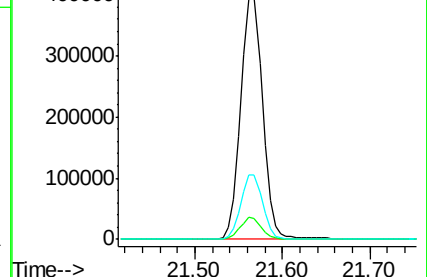
236 26.2 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 56.352 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046166.D

Acq: 4 Aug 2020 11:20

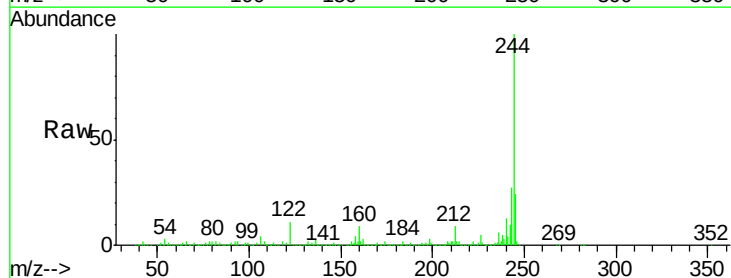
Tgt Ion:244 Resp: 1866372

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

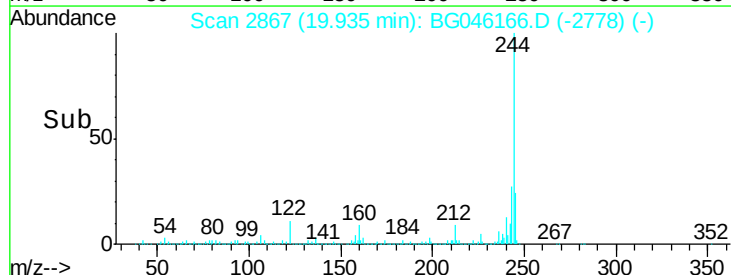
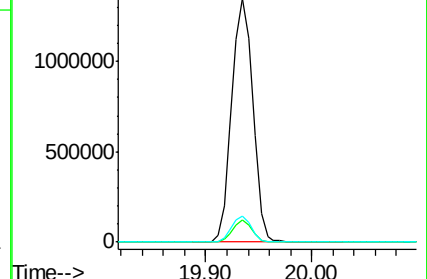
122 10.7 8.3 12.5

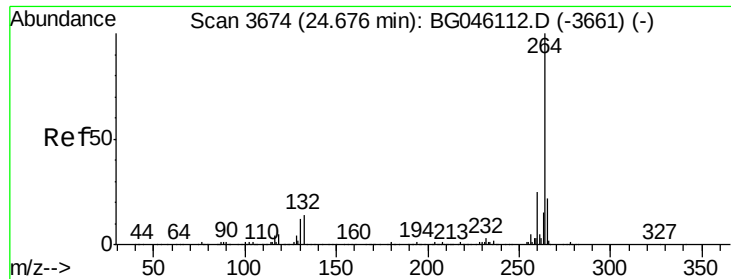


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.68 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BG046166.D
Acq: 4 Aug 2020 11:20

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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	23.2	17.6	26.4

